Title (en)

COMPENSATION FOR EDGE EFFECTS AND CELL GAP VARIATION IN TILED FLAT-PANEL, LIQUID CRYSTAL DISPLAYS

Title (de)

KOMPENSATION VON KANTENEFFEKTEN UND ZELLLÜCKENSCHWANKUNGEN IN ZUSAMMENGESETZTEN FLÜSSIGKRISTALLFLACHBILDSCHIRMEN

Title (fr)

COMPENSATION DES EFFETS DE BORDS ET DE LA VARIATION DE L'ESPACEMENT DES CELLULES DANS DES ECRANS PLATS A CRISTAUX LIQUIDES EN MOSAIQUES

Publication

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Application

EP 00916093 A 20000302

Priority

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Abstract (en)

[origin: US6115092A] The present invention features procedures for correcting discoloration and brightness variations due to liquid crystal cell gap variations or other optical, electro-optical, ambient light, electronic, mechanical, and materials anomalies arising in tiled, flat-panel displays. The purpose of these corrections is to achieve a visually seamless appearance. Absolute, relative and/or smoothing corrections are implemented by performing pixel data video processing with correction data acquired from memory. Techniques for determining and applying these corrections are described.

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